Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 21 Jan 2023 until 23:59 on Sunday 22 Jan 2023

Forecast Issued on Friday 20 Jan 2023 at 12:49

Confidence: High confidence for a mostly settled but cold weekend, with milder conditions expected to move south next week with some light rain and a gradual thaw of snow at most levels by the middle of the week. However lower confidence at the timing of the milder air moving south over England. Windy at times over the coming days. Lower confidence for cloud amounts and timings of rainfall.

Headline for Saturday 21 Jan 2023: A dry, bright and sunny day, but still feeling cold.

Mountain weather hazards on Saturday 21 Jan 2023

Blizzards Low Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
		MIST					
Clear night	Clear night	Mist	Sunny	Sunny	Sunny	Partly cloudy (night)	Clear night
Precipitation probability							
<05%	<05%	10%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 21 Jan 2023

Weather: A clear night, some patchy cloud but a frost likely and with light winds some mist and fog patches can be expected to develop. A bright start on Saturday with some sunny spells, early mist and fog will clear during the morning with sunny intervals for most of the day, cloud thickening later in the north but remaining dry.

Chance of cloud-free hill tops above 600m: 90%, some patchy cloud around the tops of western hills at times.

Low cloud and visibility: Visibility will be very poor in early fog patches but improving during the morning. Some patchy cloud around 600m around western hills mainly in the early morning or late afternoon otherwise very good visibility will allow for great views from height.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 21 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 E	8/14 SE	9/14 SE	11/16 SE	12/18 S	11/18 S	14/22 S	15/23 S	16/26 S
300	7/10 E	4/8 E	4/9 SE	4/10 SE	9/14 S	7/13 S	9/15 S	10/17 S	11/19 S
Valley	5/10 E	5/9 E	5/10 E	5/10 SE	6/12 S	5/13 S	6/14 SE	6/16 SE	7/18 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-4	-1/-6	-1/-6	-0/-5	-0/-5	-0/-5	-1/-7	-2/-8	-2/-8
300	1/-2	1/-2	1/-1	0/-2	2/-2	2/-1	0/-4	0/-4	-0/-5
Valley	-0/-3	-0/-3	-0/-3	-0/-3	3/0	3/0	-0/-3	-0/-4	-1/-4
Freezing Level*	400m	300m	300m	200m	400m	400m	200m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Later in the day the winds will pick up with fresh gusts at height enhancing the windchill, a little snow melt can be expected at low levels but generally still winter conditions on the hills and feeling very cold.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 20 Jan 2023	4mm	5.8mm	7.2mm

Forecast for Sunday 22 Jan 2023

Weather: A clear night, although perhaps cloudier at times for the northern Peak District. Mist and fog could be quite prevalent on Sunday morning and will take some time to clear in the morning although some inversions may be possible with little cloud cover above the fog. Patchy drizzle may affect western hills at times if cloud thickens enough. Perhaps a few brighter spells towards eastern areas. Any low level snow may begin to thaw with freezing level lifting to 400m especially for the northern Peak district.

Maximum wind: Southerly 10-15mph with gusts 20mph easing gradually.

Chance of cloud-free hill tops above 600m: 70% scattered cloud around hills tops at times, especially for northern hills. Higher peaks may be free of cloud but layers of cloud at lower levels.

Low cloud and visibility: Layers of scattered cloud above 500m are expected at times in the north, perhaps just patchy cloud above 600m further south. Visibility will be hazy at times and it will seem a little dull, further east and south visibility will generally be good. In any fog and heavier drizzle visibility may turn poor for a short time.

Temperature: **Valleys:** Plus 2 rising to 4 Celsius.
At 600m: Minus 2 Celsius.
Freezing level: 4-500m.

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